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ABSTRACT

One of a series of reports summarizing data on students in the full-time day postsecondary programs of the Minnesota area vocational-technical institutes, the report features biographical data gathered from students enrolled between July 1, 1972 and June 30, 1973. Data presented include age, sex, marital status, geographical location, information about family occupations and income, students' prior education and work experience, and curriculum area in which enrolled. Appendixes give the system curriculum guide of broad occupational clusters and curriculum area for specific programs, and a list of the counties in Minnesota's 11 economic regions. (MF)

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SUMMARY OF ALL ENROLLEES:

ACROSS THE STATE

FOREWORD

This report is one of a series of reports which summarize biographical information gathered from students enrolled in the full-time day programs of the Area Vocational-Technical Institutes of Minnesota. It should be useful in better understanding the population of people attending the institutes.

The Vocational Follow-Up System gathers biographical data on students enrolled in the Area Vocational-Technical Institutes, data on the progress of the students through the programs of the area institutes, and follow-up data on graduates about one year after graduation. The enrollee biographical data provide information concerning the population of people being served by the area institutes. The biographical data also provide the basic information necessary to follow up students in the future. The data on the progress of students through the training programs provide information concerning the number of enrollees who withdrew, changed programs, completed training objectives or graduated from the programs they entered. The follow-up data provide information on what happens to individuals in the world of work after they leave the training programs.

The reports were prepared by the clerical staff of the Vocational Follow-Up System under the supervision of Jeffrey Luftig and Billie T. Rader. Comments concerning the reports and their effectiveness should be addressed to:

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Table of Contents

PAGE

FOREWORD. i

INTERPRETATION OF TABLES. 1

LIST OF TABLES. 3

DETAILED DESCRIPTIONS OF TABLES. 4

ACTUAL TABLES. 7

APPENDIX A - SYSTEM CURRICULUM GUIDE. A-1

Broad Occupational Clusters, Curriculum Areas, and Specific Programs

APPENDIX B - COUNTIES INCLUDED IN MINNESOTA'S ELEVEN ECONOMIC PLANNING REGIONS. B-1

INTERPRETATION OF TABLES

This report features biographical data gathered from students who enrolled in full-time, day programs offered by the Area Vocational-Technical Institutes of Minnesota between July 1, 1972 and June 30, 1973. The data were taken from the Enrollee Information Forms which were to be completed by all students upon enrollment in full-time, day programs. The tables included in this report serve the purpose of describing the clientele being served by these programs and should be valuable in planning, operating, and modifying the programs.

Table X, "Sex of Enrollees," is an example of the tables presented in this report. It does not contain information concerning a real program.

TABLE X - SEX OF ENROLLEES

CATEGORY	NUMBER	PERCENT
1. FEMALE	2297	34.79
2. MALE	4306	65.21
DID NOT RESPOND	27	-----
TOTALS	6603	100.00

The number of enrollees who indicated they were female and the number who indicated they were male are indicated in the column labeled "Number." The percentage of the total number of enrollees who indicated they were female and the percentage of those who indicated they were male are indicated in the column labeled "Percent." Those who did not respond to the question are indicated but they are not included in the calculation of the percentages. Therefore, in this sample table 2297 of the 6603 enrollees who responded, or 34.79 percent, indicated they were female; and 4306 of the 6603, or 65.21 percent, indicated they were male. Twenty-seven of the 6603 did not respond to this item on the Enrollee Information Form. In the row labeled "Totals," the percentage should equal 100; but in some instances the total may be slightly larger or smaller, due to decimal rounding.

A clear distinction ought to be made between those tables which utilize "Did Not Respond" categories and those tables (9 and 13) which utilize "Did Not Indicate" categories. Both number and percentage are calculated for Table 9 - "Did Not Indicate a Handicap" and Table 13 - "Did Not Indicate Prior Experience."

LIST OF TABLES

1. AGE OF ENROLLEES

2. SEX OF ENROLLEES

3. MARITAL STATUS OF ENROLLEES

4. GEOGRAPHIC LOCATIONS OF ENROLLEES' PERMANENT ADDRESSES

5. OCCUPATIONS OF PARENTS OR GUARDIANS OF ENROLLEES

6. INCOMES OF HOUSEHOLDS IN WHICH ENROLLEES LIVED LAST YEAR

7. NUMBERS OF PEOPLE IN HOUSEHOLDS IN WHICH ENROLLEES LIVED LAST YEAR

8. NUMBERS OF ENROLLEES CATEGORIZED ACCORDING TO LAST YEAR'S INCOME OF THE HOUSEHOLD IN WHICH THEY LIVED AND THE NUMBER OF PEOPLE LIVING IN THE HOUSEHOLD

9. ENROLLEES WITH HANDICAPS

10. ENROLLEES WITH HIGH SCHOOL DIPLOMA OR EQUIVALENT

11. YEARS OF PRIOR SCHOOLING COMPLETED BY ENROLLEES

12. NUMBER OF ENROLLEES WITH PRIOR VOCATIONAL TRAINING (REPORTED AS TRAINING RELATED TO PROGRAM IN WHICH ENROLLED, SOME RELATED AND SOME UNRELATED PRIOR TRAINING, TRAINING UNRELATED TO PROGRAM IN WHICH ENROLLED, AND NO PRIOR VOCATIONAL TRAINING)

13. PRIOR WORK EXPERIENCE OF ENROLLEES

14. ACTIVITY IN WHICH ENROLLEES SPENT THE MOST TIME DURING THE YEAR PRIOR TO ENROLLMENT

15. NUMBER OF ENROLLEES WHO REPORTED THEY WERE ENROLLED IN EACH CURRICULUM AREA

16. NUMBER OF ENROLLEES WHO REPORTED THEY WERE ENROLLED IN EACH AVTI

DETAILED DESCRIPTIONS OF TABLES

TABLE 1 - AGE OF ENROLLEES

Table 1 presents the numbers of enrollees in different age categories.

TABLE 2 - SEX OF ENROLLEES

Table 2 presents the number of enrollees of each sex.

TABLE 3 - MARITAL STATUS OF ENROLLEES

Table 3 indicates the number of enrollees in each of the marital status categories: single, married, and other.

TABLE 4 - GEOGRAPHIC LOCATIONS OF ENROLLEES' PERMANENT ADDRESSES

Table 4 presents a description of the geographic locations of the permanent addresses of enrollees. The geographic locations are categorized into categories representing the eleven economic regions (see Appendix B), surrounding states, and other states and countries.

TABLE 5 - OCCUPATIONS OF PARENTS OR GUARDIANS OF ENROLLEES

Table 5 indicates the numbers of enrollees' parents or guardians who were employed in various occupational classifications. Each enrollee listed one parent or guardian's occupation. The occupational categories are: (1) professional, technical, and related; (2) managers, officials, proprietors; (3) clerical and related; (4) sales workers; (5) craftsmen; (6) operatives, including mine workers; (7) service workers; (8) laborers, except farm and mine workers; (9) farmers and farm workers; (10) retired; (11) housewife; and (12) unable to categorize. The "unable to categorize" category includes parents or guardians who were deceased, disabled, or unemployed as well as those who could not be placed in a category.

TABLE 6 - INCOMES OF HOUSEHOLDS IN WHICH ENROLLEES LIVED LAST YEAR

Table 6 indicates the numbers of enrollees who lived in households with various annual incomes during the year prior to enrollment. The income categories are: (1) under $3,000, (2) $3,000 - $4,999, (3) $5,000 - $8,000, and (4) over $8,000.

TABLE 7 - NUMBERS OF PEOPLE IN HOUSEHOLDS IN WHICH ENROLLEES LIVED LAST YEAR

Table 7 presents information on the numbers of people residing in the households in which enrollees lived last year. For each category (number of people in the household) the table indicates the number of enrollees who lived in a household of that size.

TABLE 8 - NUMBER OF ENROLLEES CATEGORIZED ACCORDING TO LAST YEAR'S INCOME OF THE HOUSEHOLD IN WHICH THEY LIVED AND THE NUMBER OF PEOPLE LIVING IN THE HOUSEHOLD

Table 8 presents information derived from Tables 6 and 7. The numbers of enrollees are categorized in terms of last year's income of the household in which they lived and the number of people living in the household.

TABLE 9 -ENROLLEES WITH HANDICAPS

Table 9 presents the numbers of enrollees with various types of reported handicaps. The types of handicaps are categorized as: deaf, hard of hearing (need hearing aid), speech impaired (stutter, etc.), blind (20/200 or less in better eye after correction), partially sighted (20/200 - 20/70 in better eye after correction), physically impaired (crippled, heart condition, etc.), and more than one of the previously mentioned handicaps. Information on mental and emotional handicaps was not collected and is therefore not reported.

TABLE 10 - ENROLLEES WITH HIGH SCHOOL DIPLOMA OR EQUIVALENT

Table 10 indicates the numbers of enrollees who stated they did or did not have high school diplomas or the equivalent. One indicator of educational disadvantagement as indicated in the State Plan for Vocational-Technical Education is the lack of a high school diploma or its equivalent.

TABLE 11 - YEARS OF PRIOR SCHOOLING COMPLETED BY ENROLLEES

Table 11 indicates the number of enrollees who completed a specific number of years of school.

TABLE 12 - NUMBER OF ENROLLEES WITH PRIOR VOCATIONAL TRAINING (REPORTED AS TRAINING RELATED TO PROGRAM IN WHICH ENROLLED, SOME RELATED AND SOME UNRELATED PRIOR TRAINING, TRAINING UNRELATED TO PROGRAM IN WHICH ENROLLED, AND NO PRIOR VOCATIONAL TRAINING)

Table 12 indicates the number and percent of enrollees who had prior high school and post-high school vocational training. Both high school and post-high school vocational training are subdivided into five classifications: (1) the number and percent of enrollees who indicated they had received prior vocational training related to the programs in which enrolled, (2) the number and percent of enrollees who indicated they had received both some related and some unrelated prior vocational training, (3) the number and percent who indicated they had received prior vocational training unrelated to the programs in which enrolled, (4) the number and percent who indicated no prior vocational training, and (5) the number and percent of enrollees who did not respond.

In interpreting this table it is important to note that it was left to the enrollee to define whether the training was vocational and whether it was related to the program in which he enrolled.

TABLE 13 - PRIOR WORK EXPERIENCE OF ENROLLEES

Table 13 presents a classification of months of work experience obtained by enrollees before entering the Area Vocational-Technical Institutes. Prior work experience is categorized as either full or part-time (full-time = 35 or more hours per week) and as related or unrelated to training. (The enrollee decided if the experience was related.)

TABLE 14 - ACTIVITY IN WHICH ENROLLEES SPENT THE MOST TIME DURING THE YEAR PRIOR TO ENROLLMENT

Table 14 indicates the activity status of enrollees in terms of how they spent most of the year prior to enrolling in a program. For each activity category, the number and percentage of enrollees who spent most of the previous year engaged in that activity are indicated.

TABLE 15 - NUMBER OF ENROLLEES WHO REPORTED THEY WERE ENROLLED IN EACH CURRICULUM AREA

Table 15 presents the number of new enrollees who reported they were enrolled in a particular vocational education curriculum area. The broad occupational areas, the curriculum areas within each broad occupational area, and the specific programs offered by the Area Vocational-Technical Institutes (which are included within each of the curriculum areas) are indicated in Appendix A.

TABLE 16 - NUMBER OF ENROLLEES WHO REPORTED THEY WERE ENROLLED IN EACH AVTI

Table 16 presents the number of new enrollees who indicated they were enrolled in each of the Area Vocational-Technical Institutes included in this report.

REPORT OF BIOGRAPHICAL INFORMATION
ON MINNESOTA AVTI ENROLLEES BETWEEN 7/1/72 AND 6/30/73 9900

TABLE 1-AGE OF ENROLLEES

CATEGORY	NUMBER	PERCENT
1. LESS THAN 17 YEARS OF AGE	44	0.24
2. 17	1539	8.36
3. 18	7499	40.71
4. 19	3014	16.36
5. 20	1773	9.63
6. 21	766	4.16
7. 22	730	3.96
8. 23	673	3.65
9. 24	552	3.00
10. 25	327	1.78
11. GREATER THAN 25	1503	8.16
DID NOT RESPOND	310	**
TOTALS	18730	100.01

TABLE 2-SEX OF ENROLLEES

CATEGORY	NUMBER	PERCENT
1. FEMALE	7179	38.33
2. MALE	11551	61.67
DID NOT RESPOND	0	**
TOTALS	18730	100.00

TABLE 3-MARITAL STATUS OF ENROLLEES

CATEGORY	NUMBER	PERCENT
1. SINGLE	15155	82.12
2. MARRIED	2817	15.26
3. OTHER	482	2.61
DID NOT RESPOND	276	**
TOTALS	18730	99.99

TABLE 4-GEOGRAPHIC LOCATION OF ENROLLEES PERMANENT ADDRESS

CATEGORY	NUMBER	PERCENT
1. MINNESOTA ECONOMIC REGION 1	492	2.63
2. MINNESOTA ECONOMIC REGION 2	358	1.91
3. MINNESOTA ECONOMIC REGION 3	1492	7.97
4. MINNESOTA ECONOMIC REGION 4	1323	7.06
5. MINNESOTA ECONOMIC REGION 5	1056	5.64
6. MINNESOTA ECONOMIC REGION 6	1131	6.04
7. MINNESOTA ECONOMIC REGION 7	1592	8.50
8. MINNESOTA ECONOMIC REGION 8	991	5.29
9. MINNESOTA ECONOMIC REGION 9	1326	7.08
10. MINNESOTA ECONOMIC REGION 10	1835	9.80
11. MINNESOTA ECONOMIC REGION 11	6746	36.02
12. IOWA	70	0.37
13. NORTH DAKOTA	83	0.44
14. SOUTH DAKOTA	85	0.45
15. WISCONSIN	102	0.54
16. OTHER STATES - COUNTRIES	45	0.24
DID NOT RESPOND	3	**
TOTALS	18730	99.98

TABLE 5-OCCUPATIONS OF PARENT OR GUARDIAN OF ENROLLEES

CATEGORY	NUMBER	PERCENT
1. PROFESSIONAL, TECHNICAL AND RELATED	1554	9.10
2. MANAGERS, OFFICIALS, PROPRIETORS . .	1613	9.45
3. CLERICAL AND RELATED	973	5.70
4. SALES WORKERS	769	4.50
5. CRAFTSMAN	3252	19.05
6. OPERATIVES, INCLUDING MINE WORKERS	1811	10.61
7. SERVICE WORKERS	1107	6.48
8. LABORERS, NOT FARM AND MINE WORKERS	726	4.25
9. FARMERS AND FARM WORKERS	2966	17.37
10. RETIRED	805	4.72
11. HOUSEWIFE	555	3.25
12. UNABLE TO CATEGORIZE	941	5.51
DID NOT RESPOND	1658	**
TOTALS	18730	99.99

TABLE 6-INCOME OF HOUSEHOLDS IN WHICH ENROLLEES LIVED LAST YEAR

CATEGORY	NUMBER	PERCENT
1. UNDER 3,000	2202	13.17
2. 3,000 - 4,999	3093	18.50
3. 5,000 - 8,000	5076	30.36
4. OVER 8,000	6349	37.97
DID NOT RESPOND	2010	**
TOTALS	18730	100.00

TABLE 7-NUMBER OF PEOPLE IN HOUSEHOLDS
IN WHICH ENROLLEES LIVED LAST YEAR

CATEGORY	NUMBER	PERCENT
1. 1 PERSON	775	4.33
2. 2 PEOPLE	1608	8.98
3. 3 PEOPLE	3153	17.62
4. 4 PEOPLE	3457	19.32
5. 5 PEOPLE	3068	17.14
6. 6 PEOPLE	2263	12.64
7. 7 PEOPLE	1410	7.88
8. 8 PEOPLE	936	5.23
9. 9 PEOPLE	496	2.77
10. 10 OR MORE PEOPLE	731	4.08
DID NOT RESPOND	833	**
TOTALS	18730	99.99

TABLE 8-NUMBER OF ENROLLEES CATEGORIZED ACCORDING TO LAST YEARS INCOME OF THE HOUSEHOLD IN WHICH THEY LIVED AND THE NUMBER OF PEOPLE LIVING IN THE HOUSEHOLD

CATEGORY	NUMBER	PERCENT
1. UNDER 3,000-1 PERSON IN HOUSEHOLD	387	2.36
2. UNDER 3,000-2 PEOPLE IN HOUSEHOLD	448	2.74
3. UNDER 3,000-3 PEOPLE IN HOUSEHOLD	442	2.70
4. UNDER 3,000-4 PEOPLE IN HOUSEHOLD	286	1.75
5. UNDER 3,000-5 PEOPLE IN HOUSEHOLD	176	1.08
6. UNDER 3,000-6 PEOPLE IN HOUSEHOLD	133	0.81
7. UNDER 3,000-7 PEOPLE IN HOUSEHOLD	81	0.49
8. UNDER 3,000-8 PEOPLE IN HOUSEHOLD	57	0.35
9. UNDER 3,000-9 PEOPLE IN HOUSEHOLD	28	0.17
10. UNDER 3,000-10 OR MORE PEOPLE . . .	49	0.30
11. 3,000-4,999 - 1 PERSON IN HOUSEHOLD	211	1.29
12. 3,000-4,999 - 2 PEOPLE IN HOUSEHOLD	408	2.49
13. 3,000-4,999 - 3 PEOPLE IN HOUSEHOLD	670	4.09
14. 3,000-4,999 - 4 PEOPLE IN HOUSEHOLD	555	3.39
15. 3,000-4,999 - 5 PEOPLE IN HOUSEHOLD	400	2.44
16. 3,000-4,999 - 6 PEOPLE IN HOUSEHOLD	303	1.85
17. 3,000-4,999 - 7 PEOPLE IN HOUSEHOLD	184	1.12
18. 3,000-4,999 - 8 PEOPLE IN HOUSEHOLD	118	0.72
19. 3,000-4,999 - 9 PEOPLE IN HOUSEHOLD	58	0.35
20. 3,000-4,999 - 10 OR MORE PEOPLE . .	102	0.62
21. 5,000-8,000 - 1 PERSON IN HOUSEHOLD	118	0.72
22. 5,000-8,000 - 2 PEOPLE IN HOUSEHOLD	440	2.69
23. 5,000-8,000 - 3 PEOPLE IN HOUSEHOLD	919	5.61
24. 5,000-8,000 - 4 PEOPLE IN HOUSEHOLD	987	6.03
25. 5,000-8,000 - 5 PEOPLE IN HOUSEHOLD	825	5.04
26. 5,000-8,000 - 6 PEOPLE IN HOUSEHOLD	637	3.89

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27. 5,000-8,000 - 7 PEOPLE IN HOUSEHOLD	419	2.56
28. 5,000-8,000 - 8 PEOPLE IN HOUSEHOLD	300	1.83
29. 5,000-8,000 - 9 PEOPLE IN HOUSEHOLD	160	0.98
30. 5,000-8,000 - 10 OR MORE PEOPLE . .	193	1.18
31. OVER 8,000-1 PERSON IN HOUSEHOLD . .	43	0.26
32. OVER 8,000-2 PEOPLE IN HOUSEHOLD . .	243	1.48
33. OVER 8,000-3 PEOPLE IN HOUSEHOLD . .	911	5.57
34. OVER 8,000-4 PEOPLE IN HOUSEHOLD . .	1336	8.16
35. OVER 8,000-5 PEOPLE IN HOUSEHOLD . .	1355	8.28
36. OVER 8,000-6 PEOPLE IN HOUSEHOLD . .	961	5.87
37. OVER 8,000-7 PEOPLE IN HOUSEHOLD . .	555	3.39
38. OVER 8,000-8 PEOPLE IN HOUSEHOLD . .	364	2.22
39. OVER 8,000-9 PEOPLE IN HOUSEHOLD . .	199	1.22
40. OVER 8,000-10 OR MORE PEOPLE	307	1.88
DID NOT RESPOND	2362	**
T O T A L S	18730	99.97

TABLE 9-ENROLLEES WITH HANDICAPS

C A T E G O R Y	NUMBER	PERCENT
1. DEAF ONLY	54	0.29
2. HARD OF HEARING ONLY	94	0.50
3. SPEECH IMPAIRED ONLY	96	0.51
4. BLIND ONLY	38	0.20
5. PARTIALLY SIGHTED ONLY	471	2.51
6. PHYSICALLY IMPAIRED ONLY	462	2.47
7. MORE THAN ONE OF ABOVE HANDICAPS . .	55	0.29
DID NOT INDICATE A HANDICAP	17460	93.22
T O T A L S	18730	99.99

TABLE 10-ENROLLEES WITH HIGH SCHOOL DIPLOMA OR EQUIVALENT

CATEGORY	NUMBER	PERCENT
1. HAVE H.S. DIPLOMA OR EQUIVALENT . .	17509	94.81
2. HAVE NO H.S. DIPLOMA OR EQUIVALENT	958	5.19
DID NOT RESPOND	263	**
TOTALS	18730	100.00

TABLE 11-YEARS OF PRIOR SCHOOLING COMPLETED BY ENROLLEES

CATEGORY	NUMBER	PERCENT
1. 8 OR LESS YEARS	83	0.45
2. 9 YEARS	309	1.68
3. 10 YEARS	432	2.35
4. 11 YEARS	449	2.44
5. 12 YEARS	13848	75.23
6. 13 YEARS	2269	12.33
7. 14 YEARS	713	3.87
8. MORE THAN 14 YEARS	304	1.65
DID NOT RESPOND	323	**
TOTALS	18730	100.00

TABLE 12-NUMBER OF ENROLLEES WITH PRIOR VOCATIONAL TRAINING
(REPORTED AS TRAINING RELATED TO PROGRAM IN WHICH ENROLLED,
SOME RELATED AND SOME UNRELATED PRIOR TRAINING,
TRAINING UNRELATED TO PROGRAM IN WHICH ENROLLED,
AND NO PRIOR VOCATIONAL TRAINING)

ITEM		REL.	REL./ UNREL.	UNREL.	NONE	NO RESP.	TOTALS
1. HIGH SCHOOL VOC. TRAINING	NO.	3434	21	1516	12304	1455	18730
	PCT.	19.88	0.12	8.78	71.22	**	99.98
2. POST HIGH SCHOOL VOC. TRAINING	NO.	1290	5	1002	14900	1533	18730
	PCT.	7.50	0.03	5.83	86.64	**	99.98

TABLE 13-PRIOR WORK EXPERIENCE OF ENROLLEES

ITEM		1-6 MOS.	7-12 MOS.	13-24 MOS.	25-36 MOS.	36+ MOS.	NO RESP.	TOTALS
1. FULL-TIME WORK EXP./ RELATED	NO.	1010	586	515	275	309	15975	18730
	PCT.	5.39	3.13	2.75	1.47	1.97	85.29	99.97
2. FULL TIME WORK EXP./ UNRELATED	NO.	2771	1584	1318	679	1300	11078	18730
	PCT.	14.79	8.46	7.04	3.63	6.94	59.15	99.97
3. PART-TIME WORK EXP./ RELATED	NO.	1036	740	479	211	148	16116	18730
	PCT.	5.53	3.95	2.56	1.13	0.79	86.04	99.98
4. PART-TIME WORK EXP./UNRELATED	NO.	2401	1860	1856	1018	635	10960	18730
	PCT.	12.82	9.93	9.91	5.44	3.39	58.52	99.97

TABLE 14-ACTIVITY IN WHICH ENROLLEES SPENT THE MOST TIME DURING THE YEAR PRIOR TO ENROLLMENT

CATEGORY	NUMBER	PERCENT
1. EMPLOYED	5328	29.16
2. GOING TO SCHOOL	9887	54.10
3. MILITARY	963	5.27
4. UNEMPLOYED, LOOKING FOR WORK	1247	6.82
5. OTHER	849	4.65
DID NOT RESPOND	456	**
TOTALS	18730	100.00

TABLE 15-NUMBER OF ENROLLEES WHO REPORTED THEY WERE ENROLLED IN EACH CURRICULUM AREA

CATEGORY	NUMBER	PERCENT
1. ACCOUNTING(45)(901)	924	4.93
2. AGRI-BUSINESS (50)(902)	80	0.43
3. AGRI-TECHNOLOGY (37)(902)	81	0.43
4. AIRCRAFT MECHANICS (18)(923)	198	1.06
5. AIR TRAFFIC CONTROL (81)(937) . . .	25	0.13
6. ARCHITECTURAL DRAFTING (09)(908) . .	371	1.98
7. AUDIO-VISUAL TECHNOLOGY (79)(915)	52	0.28
8. AUTO BODY REPAIR (75)(923)	490	2.62
9. AUTOMOTIVE (06)(923)	1138	6.08
10. AUTOMOTIVE MACHINIST (86)(923. . . .	17	0.09
11. BAKERY PROCEDURES (31)(913)	63	0.34
12. BANK TELLER (88)(901)	35	0.19
13. BARBERING (24)(916)	18	0.10
14. BRICKLAYING (28)(925)	21	0.11
15. BROADCASTING (63)(904)	56	0.30
16. BUTCHER AND MEAT CUTTING (62)(913)	115	0.61
17. CABINETMAKING (20)(941)	92	0.49
18. CARPENTRY (04)(941)	435	2.32
19. CHEFS.COOKS AND FOOD MGMT. (15)(913)	595	3.18
20. CHEMICAL TECHNOLOGY (77)(920) . . .	68	0.36
21. CHILD DEVELOPMENT ASST. (66)(917)	174	0.93
22. CLERICAL TRAINING (47)(901)	1022	5.46
23. COMMERCIAL ART (68)(903)	220	1.17
24. CONST./MECH. TRADES (92)(934) . . .	26	0.14
25. CONSTRUCTION WORKER (78)(906) . . .	47	0.25
26. CONSERVATION AND FORESTRY (61)(914)	45	0.24
27. COSMETOLOGY (17)(916)	390	2.08

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28. CUSTODIAL WORKER (71)(907)	18	0.10
29. DATA PROCESSING (49)(901)	291	1.55
30. DENTAL ASSISTANT (33)(917)	261	1.39
31. DIESEL MECHANICS (10)(923)	487	2.60
32. DRY CLEANING AND LAUNDRY (89)(905)	4	0.02
33. EDUCATIONAL AIDE (76)(909)	39	0.21
34. ELECTRO-MECHANICAL TECH. (40)(911)	173	0.92
35. ELECTRO-MEDICAL TECH. (82)(910) . .	18	0.10
36. ELECTRONICS (01)(910)	625	3.34
37. ENVIRONMENTAL TECHNOLOGY (99)(939)	32	0.17
38. EQUIPMENT PARTS AND SALES (42)(933)	119	0.64
39. FARM EQUIPMENT MECHANICS (13)(902)	117	0.62
40. FARM MANAGEMENT (51)(902)	175	0.93
41. FARRIER (70)(912)	21	0.11
42. FASHION MERCHANDISING (57)(905) . .	268	1.43
43. FLUID POWER TECH. AND HYD. (22)(923)	161	0.86
44. HEAVY EQUIPMENT (56)(923)	8	0.04
45. HIGHWAY TECH. (35)(908)	113	0.60
46. INDUS. TECH. (83)(936)	37	0.20
47. INTERIOR DESIGN AND SALES (44)(933)	41	0.22
48. INTERNATIONAL DOC. SPEC. (59)(933)	26	0.14
49. JEWELRY (55)(919)	14	0.07
50. LAW ENFORCEMENT (60)(922)	32	0.17
51. MACHINE SHOP (11)(924)	483	2.58
52. MAINTENANCE MECHANIC (46)(924) . . .	33	0.18
53. MARINE AND SMALL ENGINES (25)(923)	251	1.34
54. MECH. AND DRAFTING DESIGN (08)(908)	346	1.85
55. MECH.REF.AIR. CON.APP.REP. (32)(911)	212	1.13
56. MEDICAL CLERICAL (96)(901)	245	1.31

(TABLE CONTINUED ON NEXT PAGE)

(TABLE CONTINUED FROM PREVIOUS PAGE)

57. MEDICAL SECRETARIAL (91)(901) . . .	446	2.38
58. MEDICAL LABORATORY ASST. (39)(917)	174	0.93
59. MOBILE HOMES SERVICE (84)(926) . . .	30	0.16
60. NEEDLE ARTS (53)(905)	128	0.68
61. NEWSPAPER SKILLS (87)(927)	28	0.15
62. NURSES AIDE OR ORDERLY (67)(917) . .	639	3.41
63. NURSERY/LANDSCAPE TECH. (34)(921)	175	0.93
64. OCCUPATIONAL THERAPY ASST. (74)(917)	59	0.32
65. OFFICE MACHINE MECHANICS (30)(928)	70	0.37
66. OPTICAL TECHNOLOGY (38)(929)	70	0.37
67. PAINTING AND DECORATING (95)(930)	42	0.22
68. PATTERN MAKING (23)(924)	13	0.07
69. PHOTOGRAPHIC TECHNOLOGY (72)(931)	78	0.42
70. PLASTIC INJ. MOLD TECH. (26)(924)	12	0.06
71. PLUMBING (21)(932)	110	0.59
72. POWDER METAL TECHNOLOGY (98)(924)	11	0.06
73. POWER AND HOME ELECTRICITY (02)(910)	557	2.97
74. PRACTICAL NURSING (03)(917)	988	5.27
75. PRINTING AND GRAPHIC ARTS (07)(915)	385	2.06
76. PURCH. AND INVENTORY MGMT. (94.(901)	15	0.08
77. RETAIL FLORIST (43)(921)	39	0.21
78. SALES AND BUSINESS MGMT. (41)(933)	668	3.57
79. SECRETARIAL TRAINING (48)(901) . . .	1297	6.92
80. SERVICE STATION MECH. (19)(923) . .	27	0.14
81. SHEET METAL (64)(934)	78	0.42
82. SHOE REPAIRING (16)(935)	14	0.07
83. SURGICAL TECHNICIAN (80)(917) . . .	37	0.20
84. TECHNICAL ILLUSTRATION (52)(903) . .	17	0.09
85. TELEPHONE COMMUNICATIONS (58)(910)	110	0.59

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86. TEST. TECH. AND MET. FAB. (14)(936)	17	0.09
87. TOOL AND DIE (05)(924)	130	0.69
88. TRAFFIC TRANS. MGMT. (54)(937) . . .	50	0.27
89. TRUCK DRIVER (90)(937)	59	0.32
90. UPHOLSTERING (29)(938)	43	0.23
91. WAITER, WAITRESS (85)(913)	2	0.01
92. WASTE/WATER TREAT. TECH. (73)(939)	26	0.14
93. WATCH REPAIR (27)(919)	20	0.11
94. WATER WELL DRILLING (93)(932) . . .	8	0.04
95. WELDING (12)(940)	609	3.25
T O T A L S	18730	99.98

TABLE 16-NUMBER OF ENROLLEES WHO REPORTED THEY WERE ENROLLED IN EACH AVTI

CATEGORY	NUMBER	PERCENT
1. 916 VO-TECH INST.	1108	5.92
2. ALEXANDRIA	761	4.06
3. ALBERT LEA	265	1.41
4. ANOKA	1543	8.24
5. AUSTIN	406	2.17
6. BEMIDJI	213	1.14
7. BRAINERD	530	2.83
8. CANBY	327	1.75
9. DAKOTA COUNTY	372	1.99
10. DETROIT LAKES	428	2.29
11. DULUTH	886	4.73
12. EVELETH	226	1.21
13. FARIBAULT	304	1.62
14. GRANITE FALLS	283	1.51
15. HIBBING	275	1.47
16. HUTCHINSON	235	1.25
17. JACKSON	399	2.13
18. MANKATO	846	4.52
19. MINNEAPOLIS	898	4.79
20. MOORHEAD	652	3.48
21. PINE CITY	159	0.85
22. PIPESTONE	392	2.09
23. RED WING	78	0.42
24. ROCHESTER	596	3.18
25. ST. CLOUD	877	4.68
26. ST. PAUL	1865	9.96
27. STAPLES	297	1.59

(TABLE CONTINUED ON NEXT PAGE)

(TABLE CONTINUED FROM PREVIOUS PAGE)

28. SUBURBAN HENNEPIN	1409	7.52
29. THIEF RIVER FALLS	379	2.02
30. WADENA	352	1.88
31. WILLMAR	855	4.56
32. WINONA	514	2.74
TOTALS	18730	100.00

APPENDIX A - SYSTEM CURRICULUM GUIDE

Broad Occupational Clusters, Curriculum Areas, and Specific Programs

The following appendix, the System Curriculum Guide, is useful in interpreting Table 15 - Number of Enrollees Who Reported They Were Enrolled In Each Curriculum Area. The appendix lists the broad occupational clusters, the curriculum areas included in each cluster, and specific programs within each curriculum area.

The numbers within parentheses following each curriculum category in Table 15 indicate the broad occupational area and the curriculum area in which that specific program is located. The first number in parentheses is the number of the curriculum area. The second number (the "900" number) is the number of the broad occupational cluster. The broad occupational clusters are arranged numerically within the appendix.

EXAMPLE: In the case of Agri-Business, the first number in parentheses, (50), indicates the number of the curriculum area. The second number in parentheses, (902), indicates that the curriculum area is located in the broad occupational area "Agricultural Related Occupations." The course names underneath (50) Agri-Business are specific programs offered across the state in the curriculum area, Agri-Business.

Some curriculum areas are placed under more than one broad occupational cluster, since graduates of these curriculum areas may find employment related to training in more than one broad occupational cluster.

APPENDIX A - SYSTEM CURRICULUM GUIDE

Broad Occupational Clusters, Curriculum Areas, and Specific Programs

901. ACCOUNTING AND CLERICAL RELATED OCCUPATIONS

45. Accounting
Bookkeeping

88. Bank Teller
Banking and Finance

47. Clerical
Clerical Training and Keypunch
General Office Practice
Insurance Procedures
Loan Clerk
Typing and Related

49. Data Processing
Computer Operator
Computer Programmer
Computer Programming for Accountants
Keypunch

96. Medical Clerical
Hospital Service Coordinator
Hospital Station Secretary
Medical Receptionist

91. Medical Secretarial
Medical Office Assistant
Medical Office Services
Medical Secretarial

94. Purchasing and Inventory Management

48. Secretarial
Clerical Secretary
Education Office Occupations
Law Enforcement Office Occupations
Personnel Office
Secretarial, Finance
Secretarial, Legal
Secretarial, Stenography
Steno-Clerical
Traffic Office

902. AGRICULTURAL RELATED OCCUPATIONS

50. Agri-Business
Agri-Business Sales and Management
Agricultural Banking

37. Agri-Technology
Ag Chemicals and Seed Technology
Agricultural Supplies Technology
Irrigation Technology
Specialty Crops

42. Equipment Parts and Sales
Auto Parts Counterman
Partsman Training

13. Farm Equipment Mechanics
Agri-Business Materials Handling

51. Farm Management
Production Agriculture

903. ART RELATED OCCUPATIONS

68. Commercial Art
Production Art

52. Technical Illustration

904. BROADCASTING RELATED OCCUPATIONS

63. Broadcasting
Radio Broadcasting
Telecasting and Broadcasting Technology

Broad Occupational Clusters, Curriculum Areas, and Specific Programs

905. CLOTHING RELATED OCCUPATIONS

57. Fashion Merchandising
Fashion Management
Men's Wear Management
Men's Wear Merchandising

53. Needle Arts
Apparel Arts
Apparel Specialist
Commercial Tailoring
Tailoring

89. Drycleaning and Laundry

906. CONSTRUCTION WORKER RELATED OCCUPATIONS

04. Carpentry

78. Construction Worker

907. CUSTODIAL RELATED OCCUPATIONS

71. Custodial Worker
Building Cleaning & Care
Custodial Service
Household, Commercial and Domestic Aid

908. DRAFTING RELATED OCCUPATIONS

09. Architectural Drafting and Design
Electrical Drafting

35. Highway Technology
Civil Technology
Civil Engineering Technology

08. Mechanical Drafting and Design
Design Technology
Engineering Drafting Technician
Industrial Drafting
Municipal Engineering Technology

909. EDUCATIONAL AIDE RELATED OCCUPATIONS

76. Educational Aide
Teacher Aide

910. ELECTRICITY - ELECTRONICS RELATED OCCUPATIONS

82. Electro-Medical Technology

01. Electronics
Communications
Electronics Engineering Technology
Industrial Electronics
Instrumentation and Computer Maintenance
Mobile Communications Technology
Radio and TV Repair
Radio, TV, and Home Entertainment Equipment Service

02. Power and Home Electricity
Construction Electrician
Electrical Maintenance
Electrical Technology
Electrician, Power Distributing Industries
Lineman Electrician
Total Energy

58. Telephone Communications Technician

911. ELECTRO - MECHANICAL TECHNOLOGY RELATED OCCUPATIONS

92. Construction Mechanical Trades

40. Electro-Mechanical Technology
Building, Electrical, and Mechanical Maintenance
Building Operation and Maintenance
Industrial Instrumentation

(continued)

Broad Occupational Clusters, Curriculum Areas, and Specific Programs

911. ELECTRO - MECHANICAL TECHNOLOGY RELATED OCCUPATIONS (continued)

32. Mechanical Refrigeration, Air Conditioning, and Heating
Major Appliance Service
Refrigeration, Heating, Air Conditioning, and Appliance Repair

912. FARRIER RELATED OCCUPATIONS

70. Farrier

913. FOOD SERVING AND/OR PROCESSING RELATED OCCUPATIONS

31. Bakery Procedures

62. Butcher and Meat Cutting

15. Chefs, Cooks, and Food Management
Commercial Foods
Commercial Cooking and Baking
Dietetic Assistant
Food Service Management
Quality Food Production and Management
Quantity Food Preparation
Restaurant and Hotel Cookery Management
Service Occupations and Occupational Home Economics

85. Waiter, Waitress

914. FOREST INDUSTRY RELATED OCCUPATIONS

61. Conservation and Forestry
Forest Harvesting Technician
Land Construction Conservation Technology
Natural Resource Technician

36. Paper and Pulp Technology

915. GRAPHIC ARTS RELATED OCCUPATIONS

79. Audio-Visual Technology
Audio-Video Technician
Television and Audio-Video Production

07. Printing and Graphic Arts
Offset Printing

916. GROOMING RELATED OCCUPATIONS

24. Barbering

17. Cosmetology

917. HEALTH RELATED OCCUPATIONS

66. Child Development Assistant
Child Service Technology

33. Dental Assistant
Dental Lab Technician

96. Medical Clerical
Hospital Service Coordinator
Hospital Station Secretary
Medical Receptionist

39. Medical Laboratory Assistant

91. Medical Secretarial
Medical Office Assistant
Medical Office Services
Medical Record Technician

67. Nurse's Aide or Orderly
Home Health Aide
Nursing Assistant
Psychiatric Technician

74. Occupational Therapy Assista

03. Practical Nursing

80. Surgical Technician

Broad Occupational Clusters, Curriculum Areas, and Specific Programs

918. INDUSTRIAL SUPERVISION RELATED OCCUPATIONS

69. Industrial Foremanship Training

919. JEWELRY/WATCH REPAIR RELATED OCCUPATIONS

55. Jewelry
Metal Arts

27. Watch Repair

920. LABORATORY ASSISTANT RELATED OCCUPATIONS

77. Chemical Technology
Chemical Laboratory Technician

39. Medical Laboratory Assistant

921. LANDSCAPE/FLORISTRY RELATED OCCUPATIONS

34. Nursery/Landscape Technology

43. Retail Floristry

922. LAW ENFORCEMENT RELATED OCCUPATIONS

60. Law Enforcement

923. MACHINERY REPAIR RELATED OCCUPATIONS

18. Aircraft Mechanics
Avionics (Aviation Electronics)

75. Auto Body Repair
Automobile Body Repairman
Used Car Renovator

(continued)

923. MACHINERY REPAIR RELATED OCCUPATIONS (continued)

06. Automotive
Auto Mechanics
Automobile Management
Automobile Tune-Up
Automotive Service Specialist
Automotive Technician
Wheel Alignment and Brake Service

86. Automotive Machinist

10. Diesel Mechanics
Heavy Truck and Diesel Engine Mechanics
Truck Mechanics

42. Equipment Parts and Sales
Auto Parts Counterman
Partsman Training

13. Farm Equipment Mechanics
Agri-Business Materials Handling

22. Fluid Power Technology and Hydraulics
Industrial Hydraulics and Pneumatics

56. Heavy Equipment
Heavy Equipment Operation and Maintenance

25. Marine and Small Engine Mechanics

19. Service Station Mechanic
Service Station Sales and Repair

924. MACHINIST RELATED OCCUPATIONS

86. Automotive Machinist

(continued)

Broad Occupational Clusters, Curriculum Areas, and Specific Programs

924. MACHINIST RELATED OCCUPATIONS (continued)

11. Machine Shop
Machine Operator
Machine Tool Operator
Machine Tool Process
Machine Tool Rebuilding
Machinist
Numerical Control Technology
Production Machinist

46. Maintenance Mechanic

23. Pattern Making

26. Plastic Injection Molding Technology

05. Tool and Die
Machine Shop - Die Making
Machine Tool and Die
Tool Design Technician
Tool, Die, Mold-Making
Tool Engineering Technician

925. MASONRY RELATED OCCUPATIONS

28. Bricklaying

926. MOBILE HOMES SERVICES RELATED OCCUPATIONS

84. Mobile Homes Services

927. NEWSPAPER RELATED OCCUPATIONS

87. Newspaper Skills

928. OFFICE MACHINE MECHANIC RELATED OCCUPATIONS

30. Office Machine Mechanics

929. OPTIC RELATED OCCUPATIONS

38. Optical Technology

930. PAINTING AND DECORATING RELATED OCCUPATIONS

95. Painting and Decorating

931. PHOTOGRAPHIC RELATED OCCUPATIONS

72. Photographic Technology

932. PIPEFITTING AND PLUMBING RELATED OCCUPATIONS

92. Construction Mechanical Trad

21. Plumbing
Pipefitting

93. Water Well Drilling

933. SALES RELATED OCCUPATIONS

50. Agri-Business
Agri-Business Sales and Manufacturing
Agricultural Banking

42. Equipment Parts and Sales
Auto Parts Counterman
Partsman Training

57. Fashion Merchandising
Fashion Management
Men's Wear Management
Men's Wear Merchandising

44. Interior Design and Sales Assistant

59. International Documents Specialist

(continued)

Broad Occupational Clusters, Curriculum Areas, and Specific Programs

933. SALES RELATED OCCUPATIONS (continued)

41. Sales and Business Management
Aviation Administration
Food Merchandising
Hardware Marketing & Building Supplies
Lumberyard Management
Marketing-Merchandising
Produce Management
Retail Merchandising
Sales Associate
Sales and Marketing
Small Business Management
Supermarket Management
Wholesaling, Retailing Marketing-Management

934. SHEET METAL RELATED OCCUPATIONS

92. Construction Mechanical Trades

64. Sheet Metal
Sheet Metal and Design

935. SHOE REPAIRING RELATED OCCUPATIONS

16. Shoe Repairing

936. TESTING RELATED OCCUPATIONS

83. Industrial Technology
Industrial Lab Technician
Quality Control Technician

14. Testing Technology and Metal Fabrication

937. TRANSPORTATION RELATED OCCUPATIONS

81. Air Traffic Control

54. Traffic Transportation Management

90. Truck Driver

938. UPHOLSTERING RELATED OCCUPATIONS

29. Upholstering

939. WASTE AND WATER TREATMENT TECHNOLOGY RELATED OCCUPATIONS

73. Waste and Water Treatment Technology

940. WELDING RELATED OCCUPATIONS

75. Auto Body Repair
Automobile Body Repairman
Used Car Renovator

12. Welding

941. WOODWORKING RELATED OCCUPATIONS

20. Cabinetmaking

04. Carpentry

942. UNSKILLED WORKER

943. MISCELLANEOUS OCCUPATIONS

APPENDIX B

COUNTIES INCLUDED IN MINNESOTA'S ELEVEN ECONOMIC PLANNING REGIONS

Region 1

Kittson
Roseau
Marshall
Pennington
Red Lake
Polk
Mahnomen

Region 2

Lake of the Woods
Koochiching
Beltrami
Clear Water
Hubbard

Region 3

Cook
Lake
St. Louis
Itasca
Carlton

Region 4

Norman
Clay
Becker
Otter Tail
Wilkin
Grant
Douglas
Traverse
Stevens
Big Stone

Region 5

Cass
Wadena
Crow Wing
Aitkin
Todd
Morrison

Region 6

Pope
Swift
Lac Qui Parle
Chippewa
Kandiyohi
Yellow Medicine
Renville
Redwood

Region 7

Pine
Kanabec
Mille Lacs
Benton
Sherburne
Stearns
Isanti
Chisago
Meeker
Wright

Region 8

Lincoln
Lyon
Pipestone
Murray
Cotton Wood
Rock
Nobles
Jackson
Martin

Region 9

McLeod
Sibley
Nicollet
Le Seuer
Rice
Brown
Watonwan
Blue Earth
Waseca
Faribault

Region 10

Goodhue
Wabasha
Steele
Dodge
Olmsted
Winona
Freeborn
Mower
Fillmore
Houston

Region 11

Anoka
Hennepin
Ramsey
Washington
Carver
Scott
Dakota